

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [9272] 40 meter Delta loops
Message-ID: <Pine.SOL.3.91.960602210635.11788A-100000@utkux4.utcc.utk.edu>

On received wisdom about 40 meter delta loops:

Having read the recommendations for constructing a side-fed delta loop for 40 meters (center frequency 7.15 MHz), I went back into my modeling files and dug up some old info. Used NEC-2 over a high-accuracy ground. Built a model of a delta loop with the base 35' above ground and the peak 76.91' up. This is roughly $1038/f(\text{MHz})$, with 1/3 on each of 3 sides and 60-degree angles. Modeled #14 copper wire. (Base and each side are 48.4' long).

Side feeding: Input $Z = 116$ ohms, almost resonant ($-j10$ ohms) Gain is broadside to loop, slightly displaced toward the fed side. Max gain = 1.9 dBi at an angle of maximum radiation of 19 degrees. Pattern is very oval--almost circular on the fed side, flattened on the unfed side (about an 8 dB reduction from the main lobe).

Bottom (center of bottom wire) feeding: Input $Z = 138$ ohms resonant ($<j2$ ohms reactance). Max gain = 6.0 dBi broadside to the delta, with both sides flattened -8 dB. The max gain occurs at an angle of 37 degrees. At the angle corresponding to the angle of maximum radiation of the side-fed model (19 degrees), the gain is 3.8 dBi, and the pattern is even more of a peanut (sides = -12 dB from the max gain direction).

At this height for the bottom wire, I am at a loss to see any benefits of side feeding. Both versions can be fed with parallel transmission line and loaded on many bands, but the bottom feed model promises the best results on 40. If there are any significant variations in the design (like a low bottom wire, multiband use, etc.), I'll be glad to see what the models suggest. Also would be interested in what the claims are for side-feeding.

-73-
LB, W4RNL

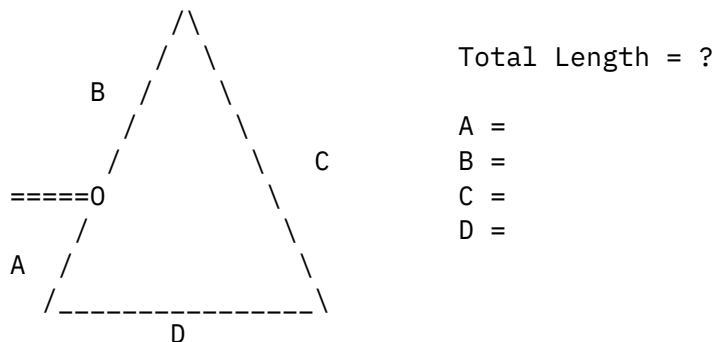
From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: larsennc@alaska.net (Nancy-KL7NY/Jim-AL7FS/Juliann-WL7MP)
Subject: [9261] Delta Loop Info Needed.
Message-ID: <v01510102add781f8b2dd@[206.149.66.206]>

Greetings from Alaska.

I have the rope up in the tree. I have searched for my info on the

dimensions for a 40 meter Delta Loop antenna and cannot find them. Help, Please?

I need the total length and how far down the one side the feed point should be.



Any pointers on the feedline or anything else? What if D is only 6 or 7 feet off the ground? Am I wasting my efforts? I have the antenna essentially built. I just need to pull it up in the tree and adjust to final length.

Thanks in advance.

73,

Jim Larsen
AL7FS
Anchorage, Alaska

AL7FS TMPS 1996 Qs=003 States=02 Confirmed=00 DX=00
CA OR

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: Stanley Wilson <microres@crl.com>
Subject: [9260] DSP Experiments
Message-ID: <Pine.SUN.3.91.960602094821.7730A-100000@crl6.crl.com>

Recently there have been several comments and questions on the list about DSP (Digital Signal Processing). I would like to bring to the attention of those interested in experimenting with DSP a book with software that allows you to explore how it works and the effects.

"Digital Signal Processing Experiments" by Alan Kamas and Edward Lee.

Prentice Hall ISBN 0-13-212853-5. It is a \$20 plus book. It is not new first published in 1988. It includes a program DSPlay by Burr-Brown. It is written like a cook book with 11 lab experiments. You do not need to be a PHD to understand it, but you will need an understanding of Algebra. The program (DSPlay ED) will run on a XT with CGA video. So a fancy computer is not required.

In addition William Long (VE1___) included in his new book "Radio Astronomy Projects" also about \$20, ISBN 1-889076-00-7 (Radio Sky Publishing on the internet) a chapter on Signal Processing concepts where he also has examples of signal processing using the DSPlay(ED) program and how DSP can be used for radio telescope experiments.

I have not contacted Burr-Brown, but since they are the owners of DSPlay I expect they also have application notes, etc. available.

I have nothing to do with Burr Brown or either of the books. Just think they really helped me understand DSP. I was able to do the experiments in the books without fully understanding the math involved.

I have had Kamas/Lee book for a long time and the disk was 5 1/4". I would assume recent published copies would be 3 1/2". It was not copy protected so I was able to transfer it from 5 1/4 to 3 1/2 by DOS Copy command on my old PC. So if you purchase a recent copy might want to verify you get the correct disk format for your machine.

de Stan AK0B

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: "Adam O'Donnell" <adam@philadelphia.libertynet.org>
Subject: [9271] End the Misery.
Message-ID: <1.5.4.32.19960603000030.0067ceb4@libertynet.org>

On the Code vs. No-Code debate.

IT'S A HOBBY!!!

H-O-B-B-Y!

Hobby! Remember! Hobby!

Some of you guys need to lighten up a little! Go to the driving range and aim your 5 wood for the cart picking up the golf balls. Eat some Ben n' Jerrys in front of a weight loss center. Have fun!

--

Adam O'Donnell, N3RCS | PGP Public Key available
adam@libertynet.org, n3rcs@amsat.org | upon finger.

"The pursuit of truth and beauty is a sphere of activity in
which we are permitted to remain children all our lives."
-- Albert Einstein

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: GREGOIRE@endor.com (ERNEST GREGOIRE)
Subject: [9266] EPILOG:SCOUTS/QRP
Message-ID: <199606022206.SAA98136@nss2.CC.Lehigh.EDU>

Hello Gang,

What a weekend.

There were 82 boys and, about 45 leaders including some authentic American
indians. The Order of the Arrow put on the entire show. The campfire
show included indian drumming and dancing.

I set up the ham station in an open field and ran a dipole from a flag
pole to a semi tall pine tree. I estimated at least 1/4 wave up on 20 m.

All contacts were phone mode, and the highlight was the special event station
in Portsmouth Va. W4POX, which was manned by a Boy Scout age 14.
Sso, one lucky kid in Claremont NH. got to talk to another scout via
ham radio while at the camporee.

The weather was great for a change, the black flies ate well, I drank a
gallon of water on Saturday alone.

On a personal note guys, ham radio is a good tool to use in scouting,
we can make a difference in a boy's life that can last through his adult life.
Some of the most valuable tools that I have in life today were not learned
from a book, I picked them up in the Scouts.

73 de AA1IK

Ernie

de AA1IK N.E.-QRP-C. # 202 (Lead by example, It is better to)
 QRP-L member #95. (pull a string than it is to push it.)

Ernie Gregoire
RR 1 Box 221
Canaan, NH. 03741

New England QRP Club, information
available on request by sending me a
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@ENDOR.COM
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: David Werner <aa9ol@execpc.com>
Subject: [9268] FS: Radio Shack DSP \$30 (Shipped!)
Message-ID: <31B21DA0.FEE@execpc.com>

Like new, in box, with all cables, parts and manual
Radio Shack DSP unit: \$30 Shipped in Continental USA.

Thank you,

Dave
aa9ol@execpc.com

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: Jeffrey Hetherington <jhetheri@freenet.npiec.on.ca>
Subject: [9273] Gel Cells
Message-ID: <Pine.SGI.3.91.960602215057.1077A-100000@freenet.npiec.on.ca>

Hi all. I hate to take up the bandwidth, but could the person that
periodically offers used gel cells for sale please email me the details.

Tnx es 73/72
Jeff - VA3JFF

=====
L. JEFFREY HETHERINGTON
Niagara Falls, Ontario, Canada
E-Mail : jhetheri@freenet.npiec.on.ca

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: NYOUNG@nova.wright.edu
Subject: [9262] GRC 174, 1.5v filaments & a box of other stuff
Message-ID: <01I5FPFEQA3M8X762T@nova.wright.edu>

I was out in the shack trying to keep the 1.5v regulator circuit that I'd built to run the R-174 with not overheat to the point of frying bacon when suddenly it happened. The tubes got real bright and then the radio was silent. No more buletines de noticias desde Radio Habana, Cuba.

So, here's the deal: Has anyone ever turned an old tube-style receiver into a solid state mutant that works almost as good as the original tube-model did?

I was thinking this 'cause it'd be easier to turn that little radio -- which I use to listen to various short wave programs and such on -- into a solid state version that might be reasonable. The beast has a 2 stage RF input section (keeps them images down serious), a pentagrid convertor circuit and 2 stages of tuned IF. There's a 200 kHz calibrator and a two stage AF section.

I figure that the first RF could be a dual-gate fet, since there's an "AVC" line there on one of the grids of V1. The second RF section might just hose together across the socket of the tube.

The pentagrid convertor would have to become two pieces. One would be a NE602 as mixer, with a separate FET oscialltor (the LC stuff is tapped) feeding into the first IF amp. That would (or could) be an MC1350. Or another FET. Then the second IF amp would have to be an MC1350 (to get the AGC nice). Another NE602 for the product detector for SSB and a simple diode for AM. And a LM386 audio amp.

Am I nuts? Do I need medication? Would I be better off letting Radio Shack take my money for a "modern" SWL radio? Is there life on Mars? What about France? Do they really eat quiche there? And if they do, what do they do with the crust? I don't like the crust, do you? Why? Am I asking too many questions?

73
Nils
WB8IJN +c

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: Art Searle <asearle@netusa.net>
Subject: [9270] Help with Nor-Cal 40A
Message-ID: <31B253FE.7C4A@netusa.net>

Help with Nor-Cal 40A

I finished putting the NC40A together and everything works. I made my first QSO. I cheated though. I worked DK8FD/P in this weekend's contest and he was desperate for any contacts.

My problem is the receive audio is very low and so is sensitivity. I've tried to adjust C1 & C2 per the instruction, but I don't get the sharp peaks (or any peaks at all) I'm supposed too.

BTW, I used a 10 turn pot for the VFO for when I install the KC-1. It tunes from low 7007.0, midpoint 7,040.0, high 7,060. That seems beyoond the range it is suppose to tune. Output is fine and the fix for clicks worked fine.

Any help would be appreciated because tinkering with this radio is keeping me from working 30 meters (no contacts this weekend).

72, de Art WU2K

WU2K TMPS 1996 Qs=027 States=0 Confirmed=0 DX=025
3B8,6W,8P,9H,9L,EA8,EI,ER,ES,EU,F,G,GM
KP4,I,HA,HC,HI,LA,LU,OK,OM,ON,SP,UR

--

Art Searle, WU2K, Lake Grove, Long Island, NY, ARRL Life Member, QRP-L #524, AMA Life Member, QRP ARCI #9123, NorCal, DXCC MX & CW HR, NRA Benefactor Life Member, NMLRA Life Member, NRA Certified Firearms Instructor, Dale Earnhardt Fan Club

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: "richard wilkerson" <richqrp@msn.com>
Subject: [9275] monday sprints
Message-ID: <UPMAIL07.199606030226140507@msn.com>

Hmmm.....Just a thought...Monday night 1800hrs...first monday of the week

..spartan sprint...ok right now ..what happens when Monday Night FOOTBALL starts...hi hi..73's rich wd6fdd

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: pcw12@ix.netcom.com (Phil Wheeler)
Subject: [9264] NorCal Mtg
Message-ID: <199606022133.0AA14275@dfw-ix1.ix.netcom.com>

Alas, I missed the meeting this AM, due to a defunct fuel pump.

I hope someone will post a summary of what happened.

I am compensating by building my NC-40A kit (which I've had since sometime last fall) and -- later -- adding the KC-1 to it (that kit has been on the shelf for a while, too).

73...Phil w6tuh

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: ae4ic@nr.infi.net (BOB KELLOGG)
Subject: [9269] QRP-Atlanta
Message-ID: <199606022346.TAA31583@mh004.infi.net>

Hi Gang,

My friend, Bill, AC4WH, is off to Atlanta on business this week. He's normally QRO, but he's taking a NW40 with him and will be trying some QRP in the evenings. He won't have much of an antenna, but I gave him L. B.'s advice: "Throw up a wire and see what happens".

So, If you hear a weak CQ, give him a call. He'll be around 7.040. We need some more QRP'ers around here, and this might be all it takes to make a convert.

Thanks.

CUL,

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: Brian.S.Allen%NCAOCISD@smtpgw.aoc.state.nc.us
Subject: [9252] QRP-L digest 377

Message-ID: <m0uQ7Ex-0001H8C@aoc.state.nc.us>

I am interested in measureing the output of a qrp transmitter but do not have access to a sensitive wattmeter. Is there a procedure to measure the power output without using a meter????

Brian KB4MNG
Williamston, NC

From owner-qrp-l@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: k5zty@hamgate2.w5-f6cnb.ampr.org
Subject: [9256] QRP-L OHR group buy??
Message-ID: <7014@sugarland.ampr.org>

I called Dick Witzke, KE5KL, at Oak Hills Research last week to buy a OHR 400 and WM-1. He was out of complete kits for both pieces at the time, but he said there was going to be a group but put together on the QRP-L reflector soon. Does any body know when that will be? Who's going to handle the orders? I'd like to get in on that deal.

I told Dick what a great turnout and great time we had at the first FDIM, and expressed my dissapiontment that he wasnt there. He said that there were some problems with not enough kits, catalogs and some room reservation problems, but he would be there next year.

He also told me it's wind-your-own torroids from OHR now. He promised there would be plenty of instructions tho and it would be easy. I like winding my own anyhow.

Bill Stietenroth, K5ZTY

From owner-qrp-l@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: gmdsr@vivanet.com
Subject: [9274] Rochester NY Hamfest
Message-ID: <31B24B1C.7610@vivanet.com>

Thought I would post a little blurb on the list regarding the Rochester Hamfest held this past weekend.

Weather was perfect, in the 70s and few clouds... the type of weather where you get a sunburn without realizing it!

There was a good amount of parts available, though there were few bargains. Once guy did have a ziploc bag full of various sizes of shrink tubing, a veritable lifetime supply for \$6. One vendor had vernier drives for \$7/8 and a nice assortment of good knobs for sale.

I had my Epiphyte and the Cascade on a table, and that drew some QRPers out of the crowd. Amazing how many people knew what they were. A few guys stopped by to talk about the 40-9er, one guy said his first QSO with it was with a guy from OH, with a 40-9er! Scott KB2GWF had his Small Wonders Labs 40-40 there for display also, in a small tentec enclosure. I had my Argosy there to demo the AK-1 keyer; I could have sold a truckload of Argosys!

All in all it was a good time and met some nice QRPers from PA, Canada, and upstate NY. Next year I'll be prepared with QRP newsletters to hand out (QRPP, NE-QRP, etc). Should have gotten some 40-9ers to sell...

73 for now.
- Gary N2JGU

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: timhynde@ix.netcom.com (Tim Hynde ka8ddz qrp/Rochester, MI)
Subject: [9277] SG-9 board
Message-ID: <199606030351.UAA09022@dfw-ix11.ix.netcom.com>

Hello to all:

I have an SG-9 9MHz IF board that I really want to get into action, it's sitting in a dead Dentron HF transceiver (yes they made about one hundred or so but they were a flop) The SG-9 was very popular and has lots of buzzers and bells on board. A perfect IF for a QRP rig. Does any one have a document on this board? I think I can get it going by trial and error but any info would really save me time.

Best 73,

Tim ka8ddz

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: Don Bullard <DBULLARD@UGA.CC.UGA.EDU>
Subject: [9257] TenTec Survey
Message-ID: <960602.101314.EDT.DBULLARD@UGA.CC.UGA.EDU>

I'll admit that I tend to look at TenTec through rose colored glasses. Yes, there are already many excellent 40 meter transceiver kits available. I own one of them. But any individual or company who starts out with a single band QRP kit on any band other than 40 is

looking for failure. Hopefully this will be just the first of many great QRP kits from TenTec.

Forty meters is still the most popular band for QRP. The market for simple, inexpensive 40 meter QRP kits is far from saturated. There are still many who have not yet discovered the world of QRP. TenTec has the marketing clout and reputation to reach many others. They are going up against some tough competition. Time will tell if they are up to it.

73,

Don WA4IML Athens Georgia

From owner-qrp-l@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: Russ1031@aol.com
Subject: [9258] The First Spartan Sprint is this Monday Evening
Message-ID: <960602104933_208777426@emout19.mail.aol.com>

This is a reminder that the first Spartan Sprint will be this Monday evening. We'll be operating during a two-hour time slot on both 40 and 20 meters.

In case you missed the first announcement for the Spartan Sprint two weeks ago, we will repeat it below.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, antenna tuner and battery. Then put that turkey on the air, and participate in a two hour sprint Monday evening.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and QSOs per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of Qs per pound.

You can get a full explanation the Spartan Sprints from our web site, <http://members.aol.com/adradio/index.html>. Or if you'd rather get the material by e-mail, just drop me a note to me, Russ Carpenter, AA7QU, at Russ1031@aol.com and I'd be glad to e-mail a copy. The following

synopsis, however, will give you all you need to participate.

Here is the plan for June 3:

1. Start at 9:00 pm EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT.
Finish at 11:00 pm EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT.
2. Use 7040 Mhz and 14,060 Mhz (You may operate one or two bands--your choice).
3. Exchange RST, SPC (state, province or country) and power output.
4. If you choose to call CQ, use the format "CQ SP".
5. If you are operating under the portable QRP rules, add "/PQ" to your call. (You can find those rules at our web site, <http://members.aol.com/adradio/index.html>)
6. You can take credit for working the same station on a second band.

After the contest, send an e-mail to me with just two things--your total QSOs and the total weight of your station (ie, the combined weight of the transmitter, receiver, antenna tuner, key, keyer and battery). If you get that information to me by Tuesday night, I'll include your data in the contest results, which I'll publish on Thursday on the ARS web site and the QRP-L.

One way of looking at the Sprints is this--not only are they fun, and encourage the development and use of lightweight equipment, but they may be the world's only radio contest in which you'll get the results in three days. The Sprints will be operated the first Monday of every month, so if you have your calendar out to mark June 3, why don't you mark the other first Mondays as well!

We've published a table of weights for equipment and batteries on the ARS web site. If you'd like an e-mail version of the table, send me a request by e-mail. And we'd be most grateful for any information you could give us to complete, expand and correct the table. Don't be uptight about getting the weight down to the nearest tenth of a pound--at this early stage, your best guess will be fine.

All comments, corrections (and even hoots of laughter) will be cheerfully accepted.

72, Russ Carpenter, AA7QU, contest manager and general purpose gofer.
(E-mail address = Russ1031@aol.com)

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: "Harvey D. D. Hetland" <HDHETLAND@paccd.cc.ca.us>
Subject: [9267] TMPS struggle for May.
Message-ID: <2EEA010255A@manage.paccd.cc.ca.us>

While it has been enjoyable trying to work stations on 30m as part of the TMPS, it has also been a very humbling experience. Some time pruning the dipole (during which time I experimented with a vertical) appears to have helped, but the project for June will be to put some kind of antenna together that has a little bit of gain. Otherwise I'll probably never work too many new states on the other side of the Rockies with all the QRN on the band. My thanks to those of you who did hear and work my weak signal.

73, Harvey, N6MM.

N6MM MAY 1996 TMPS summary (5W and dipole at 45 feet):
Qs=71 WAS=27 DX=019
STATES: HI AK OR WA NY CO SD CT WY CA KS LA OH GA PA MD AL NM FL OK
AZ WI KY TX ID NV IL
DXCC: C2 JW KH6 JA KL7 A3 W 5W VE PJ2 T30 VK9N ZL FK8 OH OA VK FG LU

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: "richard wilkerson" <richqrp@msn.com>
Subject: [9251] to add or not to add
Message-ID: <UPMAIL07.199606020600550491@msn.com>

Is there any reason "to" or "not to" add a Adjustable crystal filter bandwidth option in a qrp rig??? 72's rich wd6fdd

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [9254] WWW links
Message-ID: <Pine.SOL.3.91.960602081112.9838B-100000@utkux4.utcc.utk.edu>

In addition to the links that WU2K provided (a very fine list, indeed), here is another I have found of great use:

<http://www.com-west/com-west/1links.htm>

This page begins an extensive set of amateur radio links--the largest collection I have found--maintained by Com-West. It has a QRP section among its many sections--enough to keep you browsing through the entire next subspot cycle. You can either go directly to the Com-West links

page, or find it on the small links page accessible from
<http://www.lehigh.edu/lists/tenten-1/>

However, no single link collection has absolutely everything--so keep your WU2K list handy.

-73-
LB, W4RNL

From owner-qrp-1@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: [9276] Re: 40 meter Delta loops
Message-ID: <Pine.SUN.3.93.960602213511.3835C-100000@ume>

I have modelled (and built) two forty meter delta loops over the past 10 years at two different locations. I would agree with LB that horizontal polarization is the way to go UNLESS you WANT rejection from high angle signals. As a general multipurpose 40 meter antenna the horizontal polarization works best. A practical plus is that although a loop is somewhat more "quiet" than a dipole, this is MOST noticeable when horizontally polarized. The better S/N ratio will make it a better performer as the "gain" is essentially the same for low angles as LB states.

My question for LB. I am about to convert my 40 meter loop, apex at 60 feet, to a "sloping" loop for 80. It will be a quad configuration or possibly 6 sides. High end at 60 feet. Low end around 15 feet. The low end to high end horizontal distance will be about 50 feet as I need to "stretch" things so I can get 250 feet or so of wire up there. (yes, I know this is a bit short.....that is the point of my question) I will feed it with 450 balanced line and one of my link coupled tuners (Perhaps my just acquired Johnson Match box ;-)) My modelling suggests that even a little short, it should act like a full sized loop with a little less gain. It should have some gain in the direction of the slope and the gain should increase with frequency. Does this make sense? HOPEFULLY, somebody will then be able to hear me this winter come 40 meter fox hunting season!!!!!! Comments appreciated, modellers and builders alike!

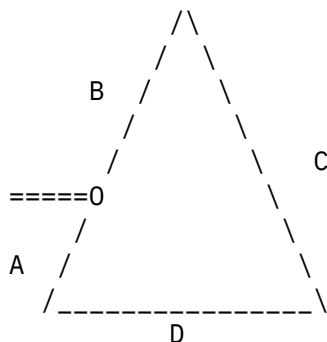
Dr. Rick Zabrodski BSc, MD, CCFP(E) MRO *	VE6GK
Clinical Assistant Professor	* NorCal 519 ARCI 7650 GQRP 8329
Faculty of Medicine, Univ. of Calgary	* "Power is no substitute for skill"

From owner-qrp-l@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: Stanley Wilson <microres@crl.com>
Subject: [9263] Re: Delta Loop Info Needed.
Message-ID: <Pine.SUN.3.91.960602113929.20779A-1000000@crl111.crl.com>

Total length = $984/\text{freq}$
Each side = total length/3
 $b = \text{side length}/2$
angle at each corner = 60 degrees

On Sun, 2 Jun 1996, Nancy-KL7NY/Jim-AL7FS/Juliann-WL7MP wrote:

> Greetings from Alaska.
>
> I have the rope up in the tree. I have searched for my info on the
> dimensions for a 40 meter Delta Loop antenna and cannot find them. Help,
> Please?
>
> I need the total length and how far down the one side the feed point should be.



Total Length = ?

A =
B =
C =
D =

> Any pointers on the feedline or anything else? What if D is only 6 or 7
> feet off the ground? Am I wasting my efforts? I have the antenna
> essentially built. I just need to pull it up in the tree and adjust to
> final length.

> Thanks in advance.

> 73,

> Jim Larsen
> AL7FS
> Anchorage, Alaska

>
> AL7FS TMPS 1996 Qs=003 States=02 Confirmed=00 DX=00
> CA OR
>
>
>
>

From owner-qrp-l@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [9253] re: ten tec survey
Message-ID: <Pine.OSF.3.91.960602043942.9387B-1000000@vela.acs.oakland.edu>

On Sat, 1 Jun 1996, Mont Pierce wrote:

> But it sounds to me like they have only just received the survey results
> and have not read them yet. Of course, there probably wasn't much in
> the survey about "what radio/features are you least likely to buy". I
> wonder if they know how many different 40m cw rigs we (qrp-l members)
> already own. I have 4 or 5!! :) :)

I don't remember what exactly was asked in the survey, but I'm pretty
sure there was a Q regarding "YOUR FAVORITE QRP BAND" or "BAND USED MOST
OFTEN..."

I (as well as *most* everone) almost HAD to answer "40M" because it's
true.

***** BUT *****

I *WANT* an 80M single band QRP kit. (I want a NORCAL 80A)
I *WANT* a MULTI-BAND kit w/o modules and/or a big, ugly case.
I *WANT* a SSB kit in a *little* box.

I want I want I want I wahh !!!

sheeze

73! =paul= wb8zjl

From owner-qrp-l@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: Tom Bowman <tbowman@nbn.net>

Subject: [9255] re: Ten-Tec survey
Message-ID: <2.2.16.19960602131735.19b70902@nbn.net>

Like others, I have three or four 40 meter QRP rigs and I'm not interested in another on the same band.

Instead, I'm just waiting for the excuse to build a Ten-Tec kit, on 30 or 20 meters, with full break-in CW, and \$100-\$150 price range.

But please, let's not discourage Ten-Tec's marketing. There's a need for someone to take Heathkit's place and it just might be Ten-Tec.

At present, only OHR offers Heath-like kits with easy repeatability, assembly, and performance.

Tom Bowman, WA3REY, Mount Gretna, PA 17064 tbowman@nbn.net

From owner-qrp-l@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: bowman@montana.com (robert bowman)
Subject: [9259] re: Ten-Tec survey
Message-ID: <199606021630.KAA05058@paw.montana.com>

>At present, only OHR offers Heath-like kits with easy repeatability,
>assembly, and performance.

yes, let us not forget performance. i recently built the OHR Classic, and was very pleasantly surprised with its sensitivity and selectivity. while i realize there is a place for a twenty five bucks worth of components in an Altoids can, i'd rather go for higher performance in a kit, as i can easily scratch build the more primitive types.

From owner-qrp-l@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: Art Searle <asearle@netusa.net>
Subject: [9250] Re: WW Web QRP Sites
Message-ID: <31B14F8B.7E7B@netusa.net>

Bob_Tellefsen wrote:

>
> After using the Internet for email for some time, I am now a brand new web user,
> just got my account up and running.
>

> Besides the QRP-L site, which was the first thing I looked for, has anyone
> assembled a list of sites of particular interest to us QRPers? If so, could you
> post the list? I'd like to avoid re-inventing the wheel.
>
> I'd even be glad to see references to single sites of particular interest.

Hi Bob,

Most Amateur Radio sites have link lists. Here are just a few I've found:

Amateur Radio

AF9Y Home Page
<<http://www.webcom.com/af9y/>>
Amateur Radio Mailing Lists
<<http://www.cam.org/~dino/hamlists.html>>
Amateur Radio Operator
<<http://www.amateurradio.com/>>
Amateur Radio Relay League - ARRL
<<http://www.arrl.org/>>
Amateur Radio WWW bookmark file
<[http://uhavax.hartford.edu/disk\\$userdata/faculty/newsvhf/www/ham-www.html](http://uhavax.hartford.edu/disk$userdata/faculty/newsvhf/www/ham-www.html)>
Contesting On-Line
<<http://www.akorn.net/hamradio/>>
Contesting On-Line Home Page
<<http://www.contesting.com/>>
CQ CONTEST WELCOME
<<http://www.access.digex.net/~cqmag/welcome.html>>
Current Solar Forecast
<<http://www.sel.bldrdoc.gov/forecast.html>>
FCC
<<http://www.fcc.gov/>>
HAM RADIO
<<http://user.itl.net/~equinox/>>
Ham Radio Online Magazine
<<http://www.accessone.com/~vbook/hronline.htm>>
Ham Radio Showcase Home
<<http://www.accessnv.com/hrshow/>>
IOTA - Islands on the Air-List
<http://www.systemtechnik.tu-ilmenau.de/ham/ham_iota.html>
VK1EME - Home Page
<<http://www.ozemail.com.au/~jwsamin/>>
LA9HW Main Page
<<http://www.sn.no/~janalme/hammain.html>>
NewsLine Amateur Radio News
<<http://www.acs.ncsu.edu/HamRadio/News.html>>
Radio Central Amateur Radio Club
<<http://www.li.net/~n2mdq/rcarc.html>>

Solar Images

<http://www.sel.noaa.gov/current_images.html>

The Heartbreak of the Morse

<<http://sydney.dialix.oz.au/~wiansw/articles/morse.html>>

Wireless Institute of Australia (NSW Division)

<<http://sydney.dialix.oz.au/~wiansw/index.html>>

Yahoo - Entertainment:Radio:Amateur/Ham Radio

<http://www.yahoo.com/Entertainment/Radio/Amateur_Ham_Radio/>

Amateur Radio DX

1995 South China Sea DX

<<http://www.getnet.com/~kf7ay/dx.html>>

Buckmaster Publishing

<<http://www.buck.com/>>

Callsign query

<<http://www.mit.edu:8001/callsign>>

Current Dx - Northeastern USA

<<http://www.irony.com/cgi-bin/dx-list>>

DX Is!

<<http://ve7tcp.ampr.org/DX/>>

DXCC Country List

<<http://promet12.cineca.it/htdx/dxcc/dxccmain.html>>

FCARC's Links to Callsign Servers on the Web

<<http://rtpnet.org/~fcarc/call.html>>

FCC Callsign update

<http://www.lantz.com/htbin/cbs_today>

geo's Home Page

<<http://www.webbuild.com/~geo/>>

HF / DX Corner

<<http://www.acs.ncsu.edu/HamRadio/HF/>>

InfoSeek Guide: Resources for DXers

<<http://guide-p.infoseek.com/WW/NS/tables/DB?C1831,2479&db=78>>

MUF Map near-real-time

<<http://holly.cc.uleth.ca/solar/www/realtime.html>>

QSL INFO SYSTEM by IK4LZH

<<http://promet12.cineca.it/htlzh/qs1.html>>

U.S. Amateur Radio Callsign Lookup Page

<<http://www.ualr.edu/doc/hamualr/callsign.html>>

Amateur Radio Mfgs

AEA

<<http://www.mvangel.com/aea/>>

ALINCO ELECTRONICS INC. WWW HomePage

<<http://www.alinco.com/>>

Amateur Electronic Supply

<<http://www.execpc.com/~aesham/>>

Amateur Radio Internet Shopper, MFJ

<<http://www.cqinternet.com/mfj.htm>>

CT by K1EA - The Ultimate Contest Software
<<http://ve7tcp.ampr.org/Software/ct/>>
Cushcraft home page
<<http://www.cushcraft.com/>>
Debco Electronics, Inc.- Home of DX Desktop
<<http://www.dxdesktop.com/>>
DXbase Home Page
<<http://ve7tcp.ampr.org/Software/dxbase/>>
Kanga Products - HOME PAGE
<<http://ukinternet.com/ham/kanga/>>
Mouser Electronics
<<http://www.mouser.com/>>
QSLs by W4MPY
<<http://www.mindspring.com/~w4mpy/>>
Svetlana Products
<<http://www.svetlana.com/>>
TEN-TEC Home Page
<<http://www.mvangel.com/ten-tec/>>
Ten.Tec.Reflector by thread
<<http://www.akorn.net/hamradio/tentec/>>
WJ20 Software
<<http://www.webprint.com/wj20/>>
YAESU HOME PAGE
<<http://www.yaesu.com/>>

Amateur Radio QRP

Amateur Radio QRP Pages
<<http://www.acs.ncsu.edu/HamRadio/HF/qrp/>>
Amateur Radio Relay League - ARRL
<<http://www.arrl.org/>>
Hambrew
<<http://www.qadas.com/hambrew/>>
KnightLite Home Page
<<http://www.duke.edu/~djohnson/>>
Michael's World
<<http://www.frii.com/~michael/>>
New Jersey QRP Club
<<http://www.ges.com/%7Emarmor/>>
NorthWest QRP Club
<<http://www.scn.org/IP/nwqrp/nwqrp.html>>
NW QRP: Other Sites
<<http://www.scn.org/IP/nwqrp/nwqlinks.html>>
QEX - Index of files
<<http://www.cs.buffalo.edu/pub/ham-radio/qex/>>
QRP-L
<<http://qrp.cc.nd.edu/QRP-L/>>
QRP-L Archive by thread
<<http://www.Lehigh.EDU/lists/Archives/qrp-1/>>

The NorCal Page
<<http://www.fix.net/norcal.html>>
Various QRP links:
<<http://www.ges.com/%7Emarmor/data/qrp-links.html>>

Broadcast Listener
BCL International Radio Pavilion!
<<http://town.hall.org./Archives/radio/Mirrors/WRN/welcome.html>>
HF Receiver - The Listening Post
<<http://www.chilton.com/scripts/radio/R8-receiver>>

72, de Art

WU2K TMPS 1996 Qs=027 States=0 Confirmed=0 DX=025
3B8,6W,8P,9H,9L,EA8,EI,ER,ES,EU,F,G,GM
KP4,I,HA,HC,HI,LA,LU,OK,OM,ON,SP,UR

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72,73, de Art Searle, WU2K, Long Is., NY, ARRL Life Member
QRP-L #524, QRP ARCI #9123, NorCal pending, DXCC MX & CW HR
NRA Benefactor Life Member, NMLRA Life Member, AMA Life Member
NRA Certified Firearms Instructor, Dale Earnhardt Fan Club

From owner-qrp-l@Lehigh.EDU Sun Jun 2 23:03:30 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [9265] Re: WWW links
Message-ID: <Pine.SOL.3.91.960602175400.1478A-100000@utkux4.utcc.utk.edu>

On Sun, 2 Jun 1996, Bob Liesenfeld wrote:

> >In addition to the links that WU2K provided (a very fine list, indeed),
> >here is another I have found of great use:
> > <http://www.com-west/com-west/1links.htm>
>
> Hi,
>
> I have tried to access this site but it bounces. Could you have the
> syntax wrong??
> Thanks and 72
>
> Bob L. wb0poq@visi.com

Whoops! obviously, a COMmie plot put a red herring in the address.

Correct address is

<http://www.com-west.com/com-west/1links.htm>

sorry to miss that extra .com

the link works fine from the tenten-1 www site. Note the 1links
(one-LINKS) part of the address, in case your viewer or printer makes a 1
and an l look alike.

-73-

LB, W4RNL